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Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).

Reviewer: Durreshwar Anjum

Timestamp: [year=2009; month=6; day=26; hr=14; min=29; sec=42; ms=169;]

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Application No: 10563195 Version No: 2.0

Input Set:

Output Set:

Started: 2009-06-18 12:48:46.425
Finished: 2009-06-18 12:48:47.830
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 405 ms
Total Warnings: 15
Total Errors: 0
No. of SeqIDs Defined: 15
Actual SeqID Count: 15

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SEQUENCE LISTING

<110> TODD, ALISON VELYIAN
FUERY, CAROLINE JANE
APPLEGATE, TANYA LYNN

<120> METHOD FOR DETECTION OF ALKYLATED CYTOSINE IN DNA

<130> 22238.0004

<140> 10563195
<141> 2009-06-18

<150> PCT/AU04/00900

<151> 2004-07-05

<150> 60/491,995

<151> 2003-08-04

<150> AU 2003903430

<151> 2003-07-04

<160> 15

<170> PatentIn version 3.5

<210> 1
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic Ecad80
oligonucleotide

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cgctgctgat tggctgtggc cggcaggtga accctcagcc aatcagcgtt acggggggcg 60

gtgctccggg gctcacctgg 80

<210> 2

<211> 27

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic AA1
oligonucleotide

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tgtttgggt gtgtatggtt tgggtgt 27

<210> 3

<211> 27

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic AA2
oligonucleotide

<400> 3
acaccccaaac catacacacacc caaaaaca

27

<210> 4
<211> 80
<212> DNA
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oligonucleotide

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<223> 5'-methylcytosine

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gtgctccggg gctcacctgg 80

<210> 5
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<212> DNA
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oligonucleotide

<400> 5
attatattta aatatataaa atatatatta ataaat 36

<210> 6
<211> 36

<212> DNA
<213> Artificial Sequence

<220>
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oligonucleotide

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<210> 7
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Ecad80 (ASEcad80) oligonucleotide

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60
gccacagcca atcagcagcg

80

<210> 8
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looping probe

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<210> 9
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<212> DNA
<213> Artificial Sequence

<220>
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looping probe

<400> 9
gccccggagc gagggttcac ctg
23

<210> 10
<211> 24
<212> DNA
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<220>
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looping probe

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24

<210> 11
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<212> DNA
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antisense oligonucleotide

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agccaatcag cggtacgggg ggcggt

26

<210> 12
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<223> Description of Combined DNA/RNA Molecule: Synthetic substrate

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<223> Description of Artificial Sequence: Synthetic substrate

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<222> (6)..(6)
<223> c or u

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cggtangggg ggcggtgg

18

<210> 13
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<220>
<223> Description of Artificial Sequence: Synthetic primer

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9

<210> 14
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<213> Unknown

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<223> Description of Unknown: Hot-spot sequence synthesized or from
Homo sapiens

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4

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<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic 3ECAD11b primer

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18